

Split System Submittal Data



Building Life.

System: 24KHS72 Indoor/Outdoor: KHS2472/CH2472
Wall Mounted Heat Pump

Job Name: _____
 Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____



General Data (at 230/208V)

Power	V/PH/Hz	230/208/1/60
Circuit Ampacity	(A)	20
Fuse Size, Max.	(A)	20

Compressor	DC Rotary Inverter	
No. used		1
R.L. Amps - L.R.	(A)	9.6/10.9 / 10.8/12.3-1
Crankcase Heater	(W)	20

Outdoor Unit		
Fan type		Propeller
Dia. (in.) - No. Speeds		18-1/8-1
Type Drive - No. Speeds		Direct - 3
No. Poles	(RPM)	8-820/850
No. Motors	(W)	60-1
CFM	(High)	600
F.L. Amps	(A)	0.7

Coil Type	Aluminum Fin & Copper Pipe	
Fin Type - Pipe Type	Corrugated Plate - Inner Rifled	
Rows - F.P.I.	2-18.1	
Face Area	(sq.ft.)	6.4
Tube Size	(in.)	3/8"

Indoor Unit		
Fan type	Cross Flow	
Dia. & Length (in.) - No. Speeds	3-11/16 33-9/32-1	
No. Speeds	3 & Auto	
No. Poles	(RPM, High)	8-850/850
No. Motors	(W)	35-1
CFM	(Hi/Med/Lo)	600/541/482 (Cooling)
Indoor Sound Rating	(Hi) (dB-A)	47
F.L. Amps	(A)	0.5

Coil Type	Aluminum Plate Fin & Copper Tube	
Fin Type - Pipe Type	Slit Plate - Inner Rifled	
Rows - F.P.I.	2-19.5	
Face Area	(sq.ft.)	3.07
Tube Size	(in.)	9/32"
Drain Connection Size	(in.)	23/32"

Refrigerant	R410A
Lbs. - R410a (outdoor unit)	4.30
Control	Electric Expansion Valve
Connection	Flare
Line Length, Max (ft.)	98
Lift Difference, Max (ft.)	50
Line Size	(in. O.D. Discharge) 1/4"
Line Size	(in. O.D. Suction) 5/8"

Dimensions	(in.)	H x W x D
Indoor Unit	(Uncrated) 11-23/32 x 41-15/16 x 8-19/32	
	(Crated) 11-3/8 x 44-7/8 x 14-29/32	
Outdoor Unit	(Uncrated) 29-1/8 x 35-7/16 x 12-19/32	
	(Crated) 33-27/32 x 40-5/8 x 16-1/4	

Weight	Indoor	Outdoor
Net	(lbs.) 26.5	130.1
Shipping	(lbs.) 33.1	138.9
Shipping Volume	(cu.ft.) 4.24	12.71

Performance Data @ ARI Standard Conditions (230/208V)

Cooling		
Total Capacity	(BTU/H)	24,200 (4,100-24,200)
Sensible Capacity	(BTU/H)	14,800
Latent Capacity	(BTU/H)	9,400
SEER	17	
Dehumidification	(Pints/H)	4.89
Amps	(A)	10.8/12.1 (1.3-12.1)
Power Inputs	(W)	2,355/2,355 (280-2,355)
Outdoor Sound Rating	(dB-A)	55

Heating		
Total Capacity	(BTU/H)	29,000 (4,400-29,000)
HSPF	8.5	

➔➔➔ Dimensions

Heating

Amps	(A)	12/13.5 (1.3-13.5)
Max. Amps		-
Power Inputs	(W)	2,490/2,490 (290-2,490)
Back-up Strip Heater	(KW)	0.00/0.00
Outdoor Sounds Rating	(dB-A)	456

Features

Controls		Microprocessor
Remote Controller	LCD Wireless Type, Temp. Sensor Built In	
Temperature Control		IC Thermostat
Timer		24 Hr. Program; 1HR Off
Night Setback		Built-In
Air Louver	(Horizontal)	Manual
	(Vertical)	Automatic
Power Failure Automatic Restart		Built-In
Heating/Cooling Automatic Changeover		Built-In
Self-Diagnosis		Built-In
Quiet Operation		Built-In
Ion Generator		Built-In
Air Clean Apatite Filter		Standard
Air Filter		Washable, Anti-Mold

Options

Refrigerant Line Set	Available
Fresh Air Intake	N/A
Air duct Extension	N/A
Condensate Drain Pump	Available
Hard Wired Remote Controller	Available
Non-Removeable Remo-con Bracket	Available

Operating Range

		Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	95F DB/71F WB	115F DB
	Minimum	67F DB/57F WB	0F DB
Heating	Maximum	80F DB/67F WB	75F DB/65F WB
	Minimum	-DB/-WB	0F DB

